Smart Grid Investment Grant (SGIG) Program Asset Investments

SGIG Program AMI Expenditures

Data cumulative through June 8, 2011
Number of projects reporting: 67

AMI Assets	Quantity *	Incurred Cost	Number of projects reporting **
AMI smart meters ***	4,119,137	$827,861,577	63
Communications networks and hardware that enable two way communications		$222,766,771	61
IT hardware, systems, and applications that enable AMI features and functionalities		$147,032,617	59
Other AMI related costs		$47,669,070	67
Total AMI cost		**$1,245,330,035**	**67**

* In some circumstances, costs are incurred before devices are installed resulting in a reported cost where the quantity is zero.

** Projects only report data on devices they plan to install. Each project installs equipment that best supports their individual goals. Therefore, the number of projects reporting is expected to vary by equipment category. The individual project reporting pages show what equipment that project is installing.

***SGIG recipients are also required to submit monthly reports to DOE through SIPRIS that include the number of smart meters they have installed. DOE reports both numbers. The count provided here includes meters that are installed AND functioning (i.e., they are transmitting information to the utility in support of their primary function). The SIPRIS numbers report the number of meters installed.

SGIG Program Customer System Asset Expenditures

Data cumulative through June 8, 2011
Number of projects reporting: 64

Customer System Assets	Quantity *	Incurred Cost	Number of projects reporting **
In home displays	2,084	$2,844,651	41
Direct load control devices	453,880	$65,346,253	42
Programmable communicating thermostats	139,753	$48,611,061	35
Smart appliances	100	$373,107	7
Communication networks and home area networks		$0	0
IT hardware, systems, and applications that enable CS features and functionalities		$106,451,576	43
Other customer system related costs		$89,004,991	64
Total customer system cost		**$312,631,639**	**64**

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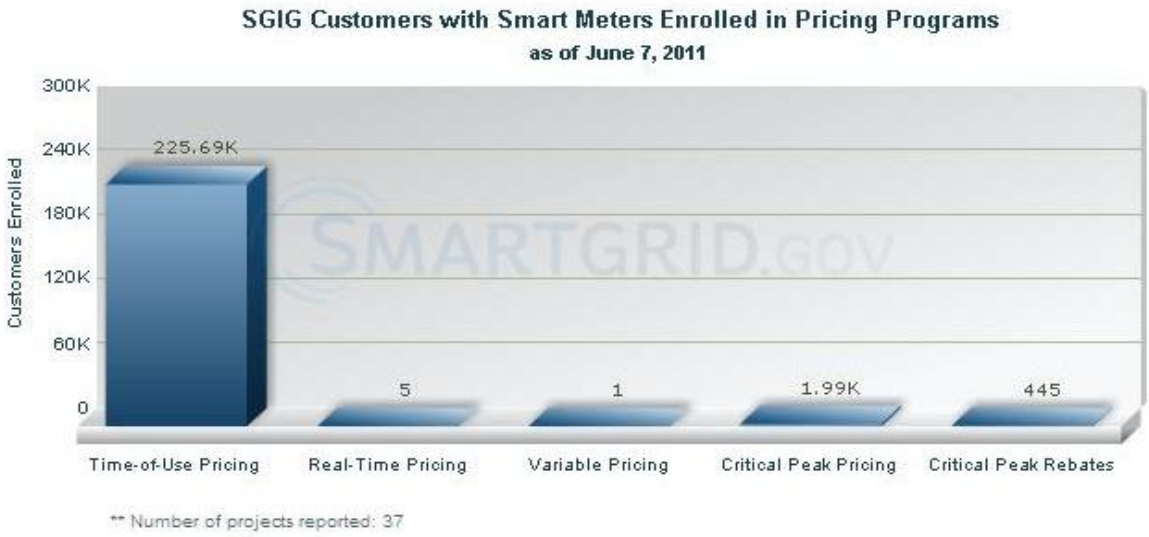

SGIG Program Electric Distribution Asset Expenditures

Data cumulative through June 8, 2011
Number of projects reporting: 41

Electric Distribution Automation Assets	Quantity *	Incurred Cost	Number of projects reporting **
Automated feeder switches	2,524	$153,396,781	40
Automated capacitors	1,084	$24,341,244	39
Automated regulators	1,526	$8,710,944	30

Fault current limiter	0	$482,850	4
Feeder monitors	359	$42,122,315	25
Substation monitor	4,114	$32,637,687	14
Distribution automation/Substation communication networks		$47,103,959	45
Distribution management systems		$48,160,908	34
IT hardware, systems, and applications that enable transmission functionalities		$30,520,991	24
Other electric distribution automation related costs		$35,864,745	54
Total electric distribution automation cost		**$423,342,423**	**54**

Electric Distribution Distributed Energy Resource (DER) Assets	Quantity *	Incurred Cost	Number of projects reporting **
Distributed generation	191	$0	10
Renewable DER	0	$0	0
Stationary electricity storage	107	$2,826,224	3
Plug in electric vehicles / charging stations	0	$0	9
DER interconnection and communication equipment	5	$0	5
Other DER related costs		$1,830,112	19
Total electric DER cost		**$4,656,336**	**19**

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SGIG Electric Transmission System Asset Expenditures

Data cumulative through June 8, 2011
Number of projects reporting: 15

Electric Transmission System Assets	Quantity *	Incurred Cost	Number of projects reporting **
PMUs	89	$5,658,467	10
Phasor data concentrators	18	$1,268,968	10
Dynamic rating systems	0	$0	0
IT hardware, systems, and applications that enable transmission functionalities		$12,982,376	23
Advanced applications		$7,994,304	11
Other transmission related costs		$38,148,944	15
Total transmission installed cost		**$66,053,060**	**15**

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